Ser. No. 10/791,568 filed 03/01/2004
Baekelmans et al – GAU 2857 (Robbins)
Amendment Under 37 C.F.R. § 1.114 in support of RCE

AMENDMENTS TO THE CLAIMS

1   1.   (Currently Amended) A method of automated data collection and analysis, the

2   method comprising the ~~machine-implemented~~ steps of:

3   receiving a request ~~for~~ with information about a device, wherein the device is a

4   network element configured for receiving packets and transmitting the packets

5   in a packet-switched network;

6   constructing a command set, wherein the command set is a set of executable

7   commands that indicate collection of data from the device and zero or more

8   other devices;

9   sending a link referencing the command set to a computer associated with the device;

10   wherein at the computer associated with the device:

11   ~~downloading~~ the command set that is referenced in the link is downloaded

12   based on following the link;

13   ~~invoking~~ a command runner module ~~to~~ executes the downloaded command

14   set;

15   ~~receiving~~ a set of results is received from the device; and

16   a modified result set is created by removing one or more confidential data

17   elements from the set of results ~~to create a modified result set~~; and

18   receiving the modified result set;

19   providing the modified result set to a provider server that comprises an analysis

20   engine;

21   receiving analysis results from the analysis engine, wherein the analysis results are

22   based at least in part on the modified result set; and

23   determining a set of solutions based on the analysis results.

1   2.   (Original)   The method of Claim 1, wherein the command set comprises one or

2   more commands to collect data from two or more devices simultaneously.

1   3.   (Original)   The method of Claim 1, wherein the command set comprises a first

2   command to collect data from the device at a first time, and a second command to

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3   collect data from the device at a second time, wherein the first time is different from

4   the second time.

1   4.   (Currently Amended) The method of Claim 1, ~~further comprising the step of~~

2   ~~producing the analysis results based on a result set~~, where~~in~~ the ~~result set~~ <u>set of results</u>

3   is based at least in part on the execution of the command set.

1   5.   (Canceled)

1   6.   (Original)   The method of Claim 1, further comprising the step of providing the

2   set of solutions to a user.

1   7.   (Original)   The method of Claim 1, wherein the step of constructing the command

2   set comprises choosing one or more commands from a list of predefined commands.

1   8.   (Currently Amended) The method of Claim 7, wherein the step of choosing one or

2   more commands from the list of predefined commands comprises <u>automatically</u>

3   choosing one or more commands based at least in part on the ~~request for~~ information

4   about the device <u>in the request</u>.

1   9.   (Currently Amended) The method of Claim 1, wherein the step of constructing the

2   command set comprises <u>receiving input from a user, wherein the input</u> defin[[ing]]<u>es</u>

3   new commands based on the request ~~for~~ <u>with</u> information about the device.

1   10.   (Currently Amended) A method for automated data collection from a network device

2   and <u>data</u> analysis ~~of the data~~, the method comprising the ~~machine-implemented~~ steps

3   of:

4   receiving a request ~~for~~ <u>with</u> information about the network device;

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5   constructing a command set, wherein the command set is a set of executable

6   commands that indicate collection of data from the network device and zero or

7   more other network devices;

8   sending a link referencing the command set to a computer associated with the

9   network device;

10   wherein at the computer associated with the network device:

11   downloading the command set that is referenced in the link is downloaded

12   based on following the link;

13   invoking a command runner module to executes the downloaded command

14   set;

15   receiving a set of results is received from the network device; and

16   a modified result set is created by removing one or more confidential data

17   elements from the set of results to create a modified result set; and

18   receiving the modified result set;

19   providing the modified result set to a provider server that comprises an analysis

20   engine;

21   receiving analysis results from the analysis engine, wherein the analysis results are

22   based at least in part on the modified result set; and

23   determining a set of solutions based on the analysis results.

1   11.   (Canceled)

1   12.   (Currently Amended) An apparatus for automated data collection and analysis,

2   comprising:

3   means for receiving a request for with information about a device, wherein the device

4   is a network element configured for receiving packets and transmitting the

5   packets in a packet-switched network;

6   means for constructing a command set, wherein the command set is a set of

7   executable commands that indicate collection of data from the device and zero

8   or more other devices;

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9   means for sending a link referencing the command set to a computer associated with

10   the device;

11   wherein at the computer associated with the device, means for performing the steps

12   of:

13   downloading the command set that is referenced in the link is downloaded

14   based on following the link;

15   invoking a command runner module to executes the downloaded command

16   set;

17   receiving a set of results is received from the device; and

18   a modified result set is created by removing one or more confidential data

19   elements from the set of results to create a modified result set; and

20   means for receiving the modified result set;

21   means for providing the modified result set to a provider server that comprises an

22   analysis engine;

23   means for receiving analysis results from the analysis engine, wherein the analysis

24   results are based at least in part on the modified result set; and

25   means for determining a set of solutions based on the analysis results.

1   13.   (Canceled)

1   14.   (Canceled)

1   15.   (Canceled)

1   16.   (Canceled)

1   17.   (Canceled)

1   18.   (Canceled)

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1   19.   (Canceled)

1   20.   (New) The apparatus of Claim 12, wherein the command set comprises one or more
2   commands to collect data from two or more devices simultaneously.

1   21.   (New) The apparatus of Claim 12, wherein the command set comprises a first
2   command to collect data from the device at a first time, and a second command to
3   collect data from the device at a second time, wherein the first time is different from
4   the second time.

1   22.   (New) The apparatus of Claim 12, wherein the set of results is based at least in part
2   on the execution of the command set.

1   23.   (New) The apparatus of Claim 12, further comprising means for providing the set of
2   solutions to a user.

1   24.   (New) The apparatus of Claim 12, wherein the means for constructing the command
2   set comprise means for choosing one or more commands from a list of predefined
3   commands.

1   25.   (New) The apparatus of Claim 24, wherein the means for choosing one or more
2   commands from the list of predefined commands comprise means for automatically
3   choosing one or more commands based at least in part on the information about the
4   device in the request.

1   26.   (New) The apparatus of Claim 12, wherein the means for constructing the command
2   set comprise means for receiving input from a user, wherein the input defines new
3   commands based on the request with information about the device.

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